

MATERIAL SAFETY DATA SHEET

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TRI-SODIUM PHOSPATE SUBSTITUTE

HMIS

HEALTH	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	H

1. Product And Company Identification

Supplier

CUSTOM BUILDING PRODUCTS
13001 SEAL BEACH BLVD.
SEAL BEACH, CA 90740 UNITED STATES

Company Contact: GEORGE MARCINA
Telephone Number: (323) 582-0846

Manufacturer

CUSTOM BUILDING PRODUCTS
13001 SEAL BEACH BLVD.
SEAL BEACH, CA 90740 UNITED STATES

Company Contact: GEORGE MARCINA
Telephone Number: (323) 582-0846

Supplier Emergency Contacts & Phone Number

GEORGE MARCINA: (323) 582-0846

Manufacturer Emergency Contacts & Phone Number

GEORGE MARCINA: (323) 582-0846

Issue Date: 06/27/2005

Product Name: TRI-SODIUM PHOSPATE SUBSTITUTE

Chemical Name: SODIUM CARBONATE, ANHYDROUS. SODA ASH

Chemical Formula: Na₂CO₃

MSDS Number: 20

Product Code: 8071

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
SODIUM CARBONATE	497-19-8	95 - 100

3. Hazards Identification

Primary Routes(s) Of Entry

EYES AND SKIN.

Eye Hazards

DIRECT CONTACT CAUSES IRRITATION OF THE EYES.

Skin Hazards

CONTINUOUS CONTACT MAY CAUSE SKIN IRRITATION.

Ingestion Hazards

LARGE DOSES MAY BE CORROSIVE TO GASTRO-INTESTINAL TRACT.

Inhalation Hazards

EXCESSIVE LEVELS OF AIRBORNE DUST MAY IRRITATE THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

Chronic/Carcinogenicity Effects

NONE KNOWN.

Conditions Aggravated By Exposure

HYPERSENSITIVE INDIVIDUALS MAY DEVELOP SKIN RASH.

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4. First Aid Measures

Eye

FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING THE UPPER AND LOWER LIDS OCCASIONALLY. SEE AN OPHTHAMOLOGIST IF IRRITATION PERSISTS.

Skin

WASH WITH PLENTY OF WATER FOR 15 MINUTES. IF IRRITATION OCCURS AND PERSISTS, OBTAIN MEDICAL ATTENTION.

Ingestion

DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DILUTE BY GIVING 1 OR TWO GLASSES OF WATER. SEEK MEDICAL ATTENTION.

Inhalation

REMOVE FROM EXPOSURE. IF DISCOMFORT OCCURS AND PERSIST, SEEK MEDICAL ATTENTION. NO DATA AVAILABLE TO INDICATE THAT AIRBORN DUST IS A HEALTH HAZARD.

Note To Physician

WHILE INTERNAL TOXICITY IS LOW, IRRITANT EFFECTS OF HIGH CONCENTRATIONS MAY PRODUCE CORNEAL OPACITIES AND VESICULARE SKIN REACTIONS IN INDIVIDUALS WITH ABRADED SKIN.

5. Fire Fighting Measures

Flash Point: N/A °F

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Fire And Explosion Hazards

NONE KNOWN.

Extinguishing Media

DRY CHEMICAL, WATER, FOAM,

Fire Fighting Instructions

WEAR FULL PROTECTIVE CLOTHING AND SELF CONTAINED BREATHING APPARATUS. WHEN HEATED TO DECOMPOSITION EMITS FUMES OF SODIUM OXIDE.

6. Accidental Release Measures

IN CASE MATERIAL IS RELEASED OR SPILLED, CLEAN-UP USING DRY METHODS THAT DO NOT DISPERSE DUST INTO THE AIR. AVOID BREATHING THE DUST. IF EYE OR SKIN CONTACT IS EXPECTED, FLUSH RESIDUE AND LIQUID INTO A HOLDING AREA FOR NEUTRALIZATION.

7. Handling And Storage

Handling And Storage Precautions

AVOID BREATHING DUST, USE APPROVED RESPIRATORS.

Work/Hygienic Practices

GOOD HOUSEKEEPING PROCEDURES SHOULD BE FOLLOWED AT ALL TIMES.

8. Exposure Controls/Personal Protection

Eye/Face Protection

CHEMICAL RESISTANT GOGGLES ARE RECOMMENDED.

Skin Protection

USE IMPERVIOUS GLOVES TO AVOID SKIN CONTACT.

Respiratory Protection

WEAR DUST RESPIRATOR THAT IS NIOSH/MSHA APPROVED.

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8. Exposure Controls/Personal Protection - Continued

Other/General Protection

USE GENERAL ROOM DILUTION OR LOCAL EXHAUST.
FULL COVERED CLOTHING IS RECOMMENDED.

9. Physical And Chemical Properties

Appearance

WHITE, GRANULAR SOLID.

Odor

ODORLESS.

Chemical Type: Mixture

Physical State: Solid

Melting Point: 1564 °F 851 °C

Boiling Point: N/A °F

Specific Gravity: 2.5

Vapor Pressure: N/A

Vapor Density: N/A

Solubility: 33.2 max. g/100C

Evaporation Rate: N/A

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR.

Conditions To Avoid (Stability)

CONTACT WITH ACIDS EXCEPT UNDER CONTROLLED CONDITIONS.

Incompatible Materials

ALUMINUM POWDER, FLUORINE, MOLTEN LITHIUM, ACIDS.

Hazardous Decomposition Products

REACTS WITH ACIDS WITH RELEASE OF LARGE VOLUMES CARBON DIOXIDE GAS AND HEAT.

11. Toxicological Information

Acute Studies

MAY CAUSE SEVERE IRRITATION OF THE EYES, INCLUDING CORNEAL OPACITIES. DUSTS AND MISTS ARE IRRITATION TO SKIN AND MAY CAUSE INFLAMMATION OF SKIN, MUCOUS MEMBRANE AND UPPER RESPIRATORY TRACT.

Eye Effects

SEVERE IRRITANT (RABBIT)

Skin Effects

MINOR IRRITATION MAY OCCUR ON ABRADED SKIN.

Acute Oral Effects

LD50 = 4090 MG/KG (RAT)

Acute Inhalation Effects

LC50 = 2.3 MG/L (RAT, 2HRS)

12. Ecological Information

Ecotoxicological Information

96 HR LC50 (DAPHNIA MAGNA) = 265-565 MG/L

96 HR LC50 (BLUEGILL SUNFISH) = 300-320 MG/L

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13. Disposal Considerations

SWEEP UP AS MUCH AS POSSIBLE FOR SALVAGE. IF MATERIAL CANNOT BE SALVAGED, METHOD OF DISPOSAL IS IN A SECURE CHEMICAL LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. EMPTY CONTAINERS MAY BE INCINERATED OR DISCARDED AS GENERAL TRASH.

RCRA Information

NOT CONSIDERED RCRA WASTE.

14. Transport Information

Proper Shipping Name

SODIUM CARBONATE

Hazard Class

NOT HAZARDOUS

15. Regulatory Information

SARA Hazard Classes

Acute Health Hazard

Threshold Planning Quantity (Lbs): 10000

16. Other Information

NFPA Rating

Health: 2

Fire: 0

Reactivity: 0

Other: 0

HMIS Rating

Health: 2

Fire: 0

Reactivity: 0

Personal Protection: H

Revision/Preparer Information

MSDS Preparer: GEORGE MARCINA

MSDS Preparer Phone Number: (323) 582-0846

Disclaimer

THE INFORMATION PRESENTED HERE IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE, WHETHER ORIGINATING WITH THE COMPANY OR NOT. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED, THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.

CUSTOM BUILDING PRODUCTS